

JUN 18 2001
PATENT & TRADEMARK OFFICE
U.S. GOVERNMENT

Attorney Docket No.: F064

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

1. My residence, post office address and citizenship are as stated below next to my name.
2. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled: "Shaped and Low Density Focused Ion Beams", the specification of which:
_____ is attached hereto.
X was filed on January 19, 2001, Application Serial No.: 09/765,806
3. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
4. I acknowledge the duty to disclose information that is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application..
5. I acknowledge the duty to disclose to the Office all information known to be material to patentability as defined in § 1.56.
6. I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

(Number)	(Country)	(Day/Month/Year Filed)	Priority Claimed	Yes	No

7. I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Prior Provisional Application(s)

(Number)	(Country)	(Day/Month/Year Filed)	Priority Claimed	X	—
60/177,518	U.S.	1/21/00	Yes	No	—
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	—

8. I hereby claim the benefit under Title 35, United States Code, § 120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims in this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Application(s)

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
--------------------------	---------------	--

9. I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Michael O. Scheinberg, Reg. No. 36,919,
whose customer number is 25784:

10. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<i>Full Name of Sole or First Inventor:</i> Robert L. Gerlach	<i>Inventor's Signature:</i>	<i>Date:</i>
<i>Residence:</i> Portland, Oregon	<i>Citizenship:</i> U.S.	
<i>Post Office Address:</i> 5643 N.W. 204 th Place, Portland, OR 97229		

<i>Full Name of Second Inventor:</i> Mark W. Utlaut	<i>Inventor's Signature:</i>	<i>Date:</i>
<i>Residence:</i> Scappoose, Oregon	<i>Citizenship:</i> U.S.	
<i>Post Office Address:</i> 29430 Dutch Canyon Rd., Scappoose, OR 97056		

<i>Full Name of Third Inventor:</i> Paul P. Tesch	<i>Inventor's Signature:</i>	<i>Date:</i>
<i>Residence:</i> Portland, Oregon	<i>Citizenship:</i> U.S.	
<i>Post Office Address:</i> 10345 S.W. Hawthorne Lane, Portland, OR 97225		

<i>Full Name of Fourth Inventor:</i> Richard J. Young	<i>Inventor's Signature:</i> 	<i>Date:</i> 14 May 2001
<i>Residence:</i> Portland, Oregon	<i>Citizenship:</i>	United Kingdom
<i>Post Office Address:</i> 17731 S.W. Janell Ct., Aloha, Oregon 97006		

<i>Full Name of Fifth Inventor:</i> Clive D. Chandler	<i>Inventor's Signature:</i>	<i>Date:</i>
<i>Residence:</i> Portland, Oregon	<i>Citizenship:</i>	Australia
<i>Post Office Address:</i> 10706 S.W. Capital Hwy. #4, Portland, OR 97219		

<i>Full Name of Sixth Inventor:</i> Karl D. van der Mast	<i>Inventor's Signature:</i>	<i>Date:</i>
<i>Residence:</i> Portland, Oregon	<i>Citizenship:</i>	The Netherlands
<i>Post Office Address:</i> 15089 N.W. Dominion Dr., Portland, Oregon 97229		



Attorney Docket No.: F064

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

1. My residence, post office address and citizenship are as stated below next to my name.
2. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled: **"Shaped and Low Density Focused Ion Beams"**, the specification of which:
_____ is attached hereto.
X was filed on January 19, 2001, Application Serial No.: 09/765,806
3. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
4. I acknowledge the duty to disclose information that is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application..
5. I acknowledge the duty to disclose to the Office all information known to be material to patentability as defined in § 1.56.
6. I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

(Number)	(Country)	(Day/Month/Year Filed)	Priority Claimed	Yes	No

7. I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Prior Provisional Application(s)

(Number)	(Country)	(Day/Month/Year Filed)	Priority Claimed	X	
60/177,518	U.S.	1/21/00		X	
				Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	

8. I hereby claim the benefit under Title 35, United States Code, § 120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims in this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Application(s)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

9. I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Michael O. Scheinberg, Reg. No. 36,919,

whose customer number is 25784:

10. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

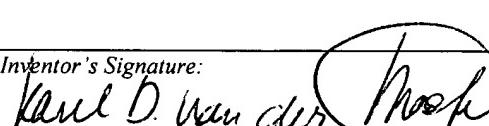
<i>Full Name of Sole or First Inventor:</i> Robert L. Gerlach	<i>Inventor's Signature:</i>	<i>Date:</i>
<i>Residence:</i> Portland, Oregon	<i>Citizenship:</i> U.S.	
<i>Post Office Address:</i> 5643 N.W. 204 th Place, Portland, OR 97229		

<i>Full Name of Second Inventor:</i> Mark W. Utlauf	<i>Inventor's Signature:</i>	<i>Date:</i>
<i>Residence:</i> Scappoose, Oregon	<i>Citizenship:</i> U.S.	
<i>Post Office Address:</i> 29430 Dutch Canyon Rd., Scappoose, OR 97056		

<i>Full Name of Third Inventor:</i> Paul P. Tesch	<i>Inventor's Signature:</i>	<i>Date:</i>
<i>Residence:</i> Portland, Oregon	<i>Citizenship:</i> U.S.	
<i>Post Office Address:</i> 10345 S.W. Hawthorne Lane, Portland, OR 97225		

<i>Full Name of Fourth Inventor:</i> Richard J. Young	<i>Inventor's Signature:</i>	<i>Date:</i>
<i>Residence:</i> Portland, Oregon	<i>Citizenship:</i> United Kingdom	
<i>Post Office Address:</i> 17731 S.W. Janell Ct., Aloha, Oregon 97056		

<i>Full Name of Fifth Inventor:</i> Clive D. Chandler	<i>Inventor's Signature:</i>	<i>Date:</i>
<i>Residence:</i> Portland, Oregon	<i>Citizenship:</i> Australia	
<i>Post Office Address:</i> 10706 S.W. Capital Hwy. #4, Portland, OR 97219		

<i>Full Name of Sixth Inventor:</i> Karl D. van der Mast	<i>Inventor's Signature:</i> 	<i>Date:</i> 4/17/2001
<i>Residence:</i> Portland, Oregon	<i>Citizenship:</i> The Netherlands	
<i>Post Office Address:</i> 15089 N.W. Dominion Dr., Portland, Oregon 97229		